

Title (en)

CROSSOVER AND SPECTRAL PREEMPHASIS NETWORKS FOR ADAPTIVE INVERSE CONTROL

Title (de)

ÜBERGANGS- UND SPEKTRAL VORVERZERRUNGSNETZWERKE FÜR ADAPTIVE UMKEHRSTEUERUNG

Title (fr)

RESEAU DE TRANSITION ET DE PREACCENTUATION SPECTRALE POUR COMMANDE INVERSE ADAPTATIVE

Publication

**EP 0679266 B1 19991117 (EN)**

Application

**EP 94906686 A 19940112**

Priority

- US 9400672 W 19940112
- US 471093 A 19930114

Abstract (en)

[origin: WO9416367A1] A feedback control system (50, 100) provides an adjusted command signal (60) to a plant (16) in response to a command signal (13) having command signal components. The plant (16) provides a feedback signal (30) representing an achieved response to the adjusted command signal (60). An adaptive filter (34) adjusts the amplitude of relatively high frequency command signal components in accordance with a dynamic behavior. A compensator (63) adjusts the dynamic behavior in response to the feedback signal (30) and the adjusted command signal (60). A summing element (58) generates the adjusted command signal in response to the output from the adaptive filter (34) and command signal components passed by a passing device (54).

IPC 1-7

**G05B 11/42**; **G05B 1/02**

IPC 8 full level

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CPC (source: EP KR US)

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